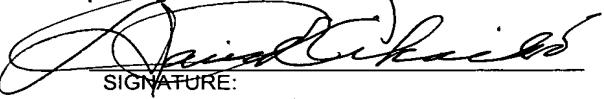


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER AKY-0022
INTERNATIONAL APPLICATION NO. PCT/JP03/09758	INTERNATIONAL FILING DATE 31 July 2003	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>107522901</b> NEW APPLICATION
PRIORITY DATE CLAIMED 2 August 2002		
TITLE OF INVENTION MEDICAL MATERIAL MADE OF TITANIUM FIBER		
APPLICANT(S) FOR DO/EO/US Yoshinori Kuboki		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</p>		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: Return Receipt Postcard; Copy of WO 2004/012781 A1 (abstract)</p>		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER																				
10/752,690 1 NEW APPLICATION	PCT/JP03/09758	AKY-0022																				
21. The following fees are submitted:																						
<table border="1"> <tr> <td><input checked="" type="checkbox"/></td> <td>a) Basic national fee .....</td> <td>\$300.00</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>b) Examination fee .....</td> <td>\$200.00</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>c) Search fee .....</td> <td>\$500.00</td> </tr> <tr> <td colspan="2"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td><b>\$1000.00</b></td> </tr> </table>			<input checked="" type="checkbox"/>	a) Basic national fee .....	\$300.00	<input checked="" type="checkbox"/>	b) Examination fee .....	\$200.00	<input checked="" type="checkbox"/>	c) Search fee .....	\$500.00	<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$1000.00</b>								
<input checked="" type="checkbox"/>	a) Basic national fee .....	\$300.00																				
<input checked="" type="checkbox"/>	b) Examination fee .....	\$200.00																				
<input checked="" type="checkbox"/>	c) Search fee .....	\$500.00																				
<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$1000.00</b>																				
<table border="1"> <tr> <td><input type="checkbox"/></td> <td colspan="3">Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</td> </tr> <tr> <td>Total Sheets</td> <td>Extra sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td>RATE</td> </tr> <tr> <td>38 - 100 =</td> <td>/50 =</td> <td></td> <td>x \$250.00</td> </tr> </table>			<input type="checkbox"/>	Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	38 - 100 =	/50 =		x \$250.00								
<input type="checkbox"/>	Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																			
38 - 100 =	/50 =		x \$250.00																			
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).																						
<table border="1"> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td>RATE</td> </tr> <tr> <td>Total claims</td> <td>20 - 20 =</td> <td></td> <td>x \$ 0.00</td> </tr> <tr> <td>Independent claims</td> <td>3 - 3 =</td> <td></td> <td>x \$ 0.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(s) (if applicable)</td> <td>+ 360.00</td> <td>\$ 360.00</td> </tr> <tr> <td colspan="2"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td><b>\$ 1,360.00</b></td> <td></td> </tr> </table>			CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	20 - 20 =		x \$ 0.00	Independent claims	3 - 3 =		x \$ 0.00	MULTIPLE DEPENDENT CLAIM(s) (if applicable)		+ 360.00	\$ 360.00	<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$ 1,360.00</b>	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																			
Total claims	20 - 20 =		x \$ 0.00																			
Independent claims	3 - 3 =		x \$ 0.00																			
MULTIPLE DEPENDENT CLAIM(s) (if applicable)		+ 360.00	\$ 360.00																			
<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$ 1,360.00</b>																				
<table border="1"> <tr> <td><input type="checkbox"/></td> <td colspan="3">Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.</td> </tr> <tr> <td colspan="2"></td> <td><b>SUBTOTAL =</b></td> <td>\$ 1,360.00</td> </tr> </table>			<input type="checkbox"/>	Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.					<b>SUBTOTAL =</b>	\$ 1,360.00												
<input type="checkbox"/>	Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.																					
		<b>SUBTOTAL =</b>	\$ 1,360.00																			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).																						
<table border="1"> <tr> <td colspan="2"></td> <td><b>TOTAL NATIONAL FEE =</b></td> <td>\$ 1,360.00</td> </tr> </table>					<b>TOTAL NATIONAL FEE =</b>	\$ 1,360.00																
		<b>TOTAL NATIONAL FEE =</b>	\$ 1,360.00																			
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property																						
<table border="1"> <tr> <td colspan="2"></td> <td><b>TOTAL FEES ENCLOSED =</b></td> <td>\$ 1,360.00</td> </tr> </table>					<b>TOTAL FEES ENCLOSED =</b>	\$ 1,360.00																
		<b>TOTAL FEES ENCLOSED =</b>	\$ 1,360.00																			
<table border="1"> <tr> <td colspan="2">Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td colspan="2">Amount to be charged:</td> <td>\$</td> </tr> </table>			Amount to be refunded:		\$	Amount to be charged:		\$														
Amount to be refunded:		\$																				
Amount to be charged:		\$																				
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 18-0013 in the amount of \$ 1,360.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 18-0013. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p>																						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.																						
SEND ALL CORRESPONDENCE TO:																						
<p>David T. Nikaido RADER, FISHMAN &amp; GRAUER PLLC 1233 20th Street, N.W., Suite 501 Washington, DC 20036 (202) 955-3750 Date: February 1, 2005 CUSTOMER NUMBER: 23353</p>																						
 <p>SIGNATURE: _____ NAME: _____ 22,663 _____ REGISTRATION NUMBER: _____</p>																						

VERIFICATION OF TRANSLATION

I, Shigeo Akiyama with address at c/o Akiyama Patent Attorney's Office,  
Kitahama-Nagao BLD. 3F, 9-9, Kitahama 1-chome, Chuo-ku, Osaka-shi,  
Osaka-fu, Japan, being duly sworn, declare:

1, That I am conversant with the Japanese and English languages.

2, That the attached document is a true and correct English translation of the Description, Claims and Abstract of the International Patent Application No. PCT / JP03 / 09758, to the best of my knowledge and belief.

Verified at OSAKA

January 28, 2005

Shigeo Akiyama